

## Commons de Sharand

- p. 6 Abstract Structures  $\Rightarrow$  Tracks.
- p. 7 Bipartite from objects into a set of No's.
- p. 8 Abstract structures, no application
- p. 9 Relative  $\Rightarrow$  integral the absolute?  
Q.M. exact?
- p. 10 Idealization ignores aspects of abstract  
structures?
- p. 13 crit of lack of rigour in Q.M.
- p. 14 crit of economy of real numbers  
in Q.M.

Sitio Well Stagnant feeds the low level  
Nozt low tonight under false  
Believe and wants report they  
had water see me tomorrow under  
my other hat of Calverne Organics

[already studied  
Rigour



Summary

# The Nature of Mathematics

1. Genetic v. Axiomatic method
2. Intuition v. extended Axiomatics

10 min

## 3. Mathematical Models

4. What distinguishes math. students from ordinary students?

15 min

5. Program for relation of I to M.
6. Use of non-logical students

15 min

## 6. Surplus structure

### 6a) Second quantization

### 7. Heuristic role of surplus structure

20 min

8. Why is Maths successful?

## 9. Computer gap

## 10. Role of Computers

25 min

## 11. Regret in Mathematics

## 12. Sterility of Regret

30 min

## 13. Specialization

## 14. Modern Mathematics given up or decadence?

35 min

## 15. Introductions between Physics, Mathematics

## 16. Exact Prediction of Rationalized Physics How possible

40 min